

CLAIMS

1. A backlight module, comprising:

a light source; and

a light guide plate having a light input surface for receiving light and a light output surface for emitting light;

wherein the light source faces the light input surface; and

the light input surface is concave, and has a curvature matching a distribution of light of the light source group.

2. The backlight module as claimed in claim 1, wherein the light guide plate is generally parallelepiped-shaped.

3. The backlight module as claimed in claim 1, wherein the light guide plate is generally wedge-shaped.

4. The backlight module as claimed in claim 1, wherein the light source is a group of point light sources.

5. The backlight module as claimed in claim 1, wherein the light source is a linear light source.

6. The backlight module as claimed in claim 1, wherein the light input surface is spherically concave.

7. The backlight module as claimed in claim 1, wherein the light input surface is a cylindrically concave.

8. The backlight module as claimed in claim 1, wherein the light input surface is disposed opposite the light output surface.

9. The backlight module as claimed in claim 8, further comprising a diffusing plate and a brightness enhancing film, the diffusing plate being disposed on the light

guide plate, and the brightness enhancing film being disposed on the diffusing plate.

10. The backlight module as claimed in claim 9, wherein the brightness enhancing film is substituted by a prism plate.

11. The backlight module as claimed in claim 1, wherein the light input surface adjoins the light output surface.

12. The backlight module as claimed in claim 11, further comprising a diffusing plate and a brightness enhancing film, the diffusing plate being disposed on the light guide plate, and the brightness enhancing film being disposed on the diffusing plate.

13. The backlight module as claimed in claim 12, further comprising a reflecting plate disposed under the light guide plate.

14. The backlight module as claimed in claim 13, wherein the brightness enhancing film is substituted by a prism plate.

15. A light module comprising:

a light guide plate defining a light input surface for receiving light, said light input surface essentially extending in a direction longitudinally; and

a light source including a plurality of spaced light sub-sources generally arranged along said direction; wherein

at least one of said light input surface and a dispersion manner of said plurality of spaced light sub-sources is configured to be in a form of concave to conform with the other so as to form no dark zones in the light guide plate.

16. The light module as claimed in claim 15, wherein said light input surface is configured to be in a form of concave.